

What is claimed is:

(1) A carrier for cell culture comprising a porous membrane and an alginate gel layer which is formed on the membrane.

(2) The carrier of claim 1, wherein the alginate gel layer is composed of a calcium alginate gel.

(3) The carrier of claim 1 or claim 2, which further comprises an extracellular matrix component gel layer or extracellular matrix component sponge layer which is formed on the alginate gel layer.

(4) The carrier of claim 3, wherein the extracellular matrix component is collagen.

(5) A method for culturing a cell, wherein the method comprises culturing the cell using the carrier for cell culture according to any one of claims 1 to 4.

(6) A method for piling up a cell, wherein the method comprises: forming a cell layer on the carrier according to any one of claims 1 to 4; solubilizing an alginate gel layer of the carrier thereby exfoliating the cell layer from a porous membrane of the carrier; and piling up the exfoliated cell layer on another cell layer formed on the carrier according to any one of claims 1 to 4.

(7) A cell multi-layer obtained by the method according to claim 6.

add A \rightarrow Add B \uparrow